

2
P386Zd
1901/02

THE UNIVERSITY BULLETINS

NEW SERIES—NO. 11

SUPPLEMENT TO THE
UNIVERSITY OF PENNSYLVANIA
CATALOGUE

FASCICULUS
OF THE
DEPARTMENT OF DENTISTRY

1901-1902



FOUNDED 1740

THE LIBRARY OF THE
SEP 27 1961
UNIVERSITY OF ILLINOIS

PHILADELPHIA :
PUBLISHED BY THE UNIVERSITY
APRIL, 1901

SPECIAL NOTICE.

Copies of the University Catalogue (containing detailed information concerning all departments) may be obtained ONLY upon application to the Assistant Secretary, Room 101, College Hall. The Catalogue is sold at 25 cents a copy, or, if sent by mail, at 35 cents.

To any alumnus of the University, the Catalogue will be sent upon application, free of charge, on receipt of name, department, class and address.

The special announcement of any department of the University will be sent postage free, upon application to the appropriate Dean.

UNIVERSITY OF PENNSYLVANIA

FASCICULUS

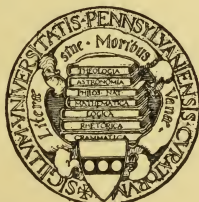
OF THE

DEPARTMENT OF DENTISTRY

(1900-1901)

Announcements for 24th Annual Session

1901-1902.



Founded 1740

PHILADELPHIA

PRINTED FOR THE UNIVERSITY

APRIL, 1901

THE UNIVERSITY

General Statements.

LOCATION.

The buildings of the University of Pennsylvania, twenty-nine in number, are situated in Philadelphia, on property covering an area of over fifty-five acres. The University may be reached from the various railroad stations in Philadelphia by the electric cars as follows: from the terminal stations of the Philadelphia & Reading and Pennsylvania railroads; Market street cars west to Thirty-fourth street, thence on foot south to Woodland avenue, a trip of about fifteen minutes; or, from the Baltimore & Ohio railroad depot, by a walk of one square south to Walnut street, thence by car over the bridge west to Thirty-fourth street, a ride of about five minutes.

ACCOMMODATIONS FOR STUDENTS.

Accommodation for students to the number of about five hundred is provided in the present dormitory system, which is described at length in the body of the Catalogue. Plans, prices, and all other information relating to the dormitories may be had upon application to the Registrar of the College.

A large temporary dining hall, or "Commons" is situated at the corner of Spruce and Thirty-sixth streets, where about seven hundred students can obtain board.

In addition, board and lodging may be obtained in the immediate vicinity of the University from five dollars per week upwards. Upon application at the offices of the Deans of the several Departments (see *Administrative officers*, following), lists of approved boarding houses may be seen.

APPLICATIONS FOR CATALOGUES, ETC.

Applications for copies of the annual University Catalogue (published in December) should be addressed to the Assistant Secretary, University of Pennsylvania, Philadelphia, Pa. *The Catalogue is sold at twenty-five cents a copy (paper cover), or at thirty-five cents if sent by mail.*

Special Circulars of Information, relating either to the separate Departments of the University, or to the various courses (liberal and scientific) offered in the College proper, *will be mailed free to anyone upon receipt of name and address.* Such applications should be addressed to the Dean of the several departments.

All letters of inquiry regarding the internal regulations and requirements in each separate Department of the University, should be addressed to the Dean of that Department (see *Administrative Officers*, following) and *not* to the Secretary of the University.

BRIEF HISTORICAL SKETCH

The University of Pennsylvania traces its origin to the year 1740, when a charitable school was founded in the city of Philadelphia. In 1749, a pamphlet entitled "Proposals Relative to the Education of Youth in Pennsylvania," written by Dr. Franklin, led to a united effort by certain citizens to raise this school to the dignity of an Academy. In 1751 this was accomplished, and the Academy, consisting of an English, a Mathematical and a Latin school, each under a master with subordinate tutors and ushers, was formally opened. Two years later (1753) a charter was granted to the trustees of the institution by Thomas and Richard Penn, the proprietaries of the Province of Pennsylvania.

Under the skillful training of the learned Rev. William Smith, the first Provost, the highest class of the Academy attained that proficiency which in a college course would have entitled its members to a degree. This led to a new appeal to the proprietaries for a collegiate charter. In 1755 such a charter was granted, which designated the institution as the "College and Academy of Philadelphia in the Province of Pennsylvania."

In 1764 Dr. Smith visited England to secure funds for the college, and received liberal support among men of all shades of religious belief. Concerned lest the institution might become sectarian, they urged the trustees to make a declaration of non-sectarian principles which should be binding on their successors. Accordingly, they resolved that henceforth, as heretofore, no question of religious belief should ever enter into questions of administering the affairs of the college or of appointing its officers.

In the revolutionary period, the college was looked upon with distrust by the radical patriots, and in 1779 the declaration above named was seized by the Assembly as a pretext for ousting the trustees, and incorporating a new institution, entitled the "University of the State of Pennsylvania," in which was vested all and singular the rights of the old corporation. After ten years of ineffectual work for both institutions, a compromise was effected and a union projected. In 1791, this amalgamation was confirmed by act of legislature, and the name "University of Pennsylvania" conferred upon the united institutions.

The University of Pennsylvania now includes the following departments, established at the dates indicated:

- (1740. Charitable School; out of which grew, in)
- 1751. The College.
- 1765. The Department of Medicine.
- 1790-1850. The Department of Law.
- 1874. The University Hospital.
- 1878. The Department of Dentistry.
- 1882. The Department of Philosophy.
- 1884. The Department of Veterinary Medicine.
- 1885. The Veterinary Hospital.
- 1885. The Department of Physical Education.
- 1889. The Museum of Archæology and Paleontology.
- 1891.* The University Library.
- 1892. The Laboratory of Hygiene.
- 1892. The Wistar Institute of Anatomy and Biology.

* Building erected.

ADMINISTRATIVE OFFICERS.

THE UNIVERSITY.

The General Offices are on the third floor of 400 Chestnut Street.

Provost—CHARLES C. HARRISON, LL. D.
General Offices, 400 Chestnut Street.

Vice-Provost—EDGAR F. SMITH, PH. D., SC. D.
Office in the JOHN HARRISON Laboratory of Chemistry, Thirty-fourth and Spruce Streets. Office hours, 8 A. M. to 6 P. M.
Saturdays, 8 A. M. to 1 P. M.

Secretary—REV. JESSE Y. BURK, A. M.
General Offices, 400 Chestnut Street. Office hours, 11 A. M. to 3 P. M., except Saturdays.

Assistant Secretary—J. HARTLEY MERRICK, A. B.
Office, 101 College Hall. Office hours, 9.30 A. M. to 4.30 P. M.
Saturdays, 9.30 A. M. to 12.30 P. M.

Treasurer—GEORGE L. HARRISON, JR.
General Offices, 400 Chestnut Street.

THE COLLEGE AND PROFESSIONAL FACULTIES.

Dean of the College Faculty—JOSIAH H. PENNIMAN, PH. D.
Office, 103 College Hall. Office hours, 9 A. M. to 12 M., daily.

Dean of the Faculty of Philosophy—WM. ROMAIN NEWBOLD, PH. D.
Office, 105 College Hall. Office hours, 10 A. M. to 12 M., daily.

Dean of the Law Faculty—WILLIAM DRAPER LEWIS, LL. B., PH. D.
Office in the Law Department Building, Thirty-fourth and Chestnut Streets. Office hours, 11 A. M. to 1 P. M. Saturdays, 9 A. M. to 10 A. M.

Dean of the Medical Faculty—JOHN MARSHALL, M. D., NAT. SC. D.
Office, Medical Hall. Office hours, 12 M. to 1 P. M., daily.

Dean of the Dental Faculty—EDWARD C. KIRK, D. D. S.
Office, Dental Hall. Office hours, 9 A. M. to 1 P. M., daily.

Dean of the Faculty of Veterinary Medicine—LEONARD PEARSON, B. S., V. M. D.
Office, Veterinary Hall, Thirty-sixth and Pine Streets. Office hours, 8.30 A. M. to 12 M., daily.

Registrar of the College and Department of Philosophy—EDWARD W. MUMFORD, PH. B.
Office, 103 College Hall. Office hours, 9 A. M. to 1 P. M., daily.
The Registrar's office is open from 9 A. M. to 5 P. M., daily.

GENERAL SUMMARIES.

OFFICERS OF INSTRUCTION.

The College	107	
Department of Philosophy	51	
" " Law	17	
" " Medicine	95	
Laboratory of Hygiene	4	
Department of Dentistry	42	
" " Veterinary Medicine	24	
Emeritus Professors	4	
	<hr/>	344
Duplications		79
		<hr/>
Total		265

STUDENTS.

The College {	School of Arts	421	}	1006
	Towne Scientific School	338		
	Courses for Teachers	247		
Department of Philosophy		168		
" " Law		347		
" " Medicine		566		
Laboratory of Hygiene		18		
Department of Dentistry		417		
" " Veterinary Medicine		60		
		<hr/>		2582
Duplications				9
				<hr/>
Total				2573

GEOGRAPHICAL SUMMARY OF STUDENTS.

Africa	1	Connecticut	33	Holland	1
Alabama	4	Costa Rica	4	Idaho	1
Arizona	2	Cuba	4	Illinois	21
Arkansas	1	Delaware	34	Indiana	9
Australia	7	Dist. of Columbia	4	Iowa	15
Austria	1	Ecuador	2	Italy	1
Brazil	2	England	8	Ireland	3
California	17	Florida	3	Jamaica	3
Canada	17	France	2	Japan	1
China	2	Georgia	2	Kansas	7
Colorado	3	Germany	5	Kentucky	8

Leeward Islands . . . 1	New York . . . 107	Switzerland 3
Louisiana 3	New Zealand 9	Tennessee 4
Maine 25	Nicaragua 1	Texas 8
Maryland 22	North Carolina . . . 8	Utah 4
Massachusetts . . . 54	North Dakota 1	Vermont 2
Mexico 4	Ohio 53	Virginia 7
Michigan 14	Oregon 2	Washington 3
Minnesota 2	Pennsylvania . . . 1787	West Virginia . . . 10
Mississippi 2	Porto Rico 5	Wisconsin 16
Missouri 11	Rhode Island 17	—
Nebraska 1	Russia 3	2582
New Hampshire . . . 5	Scotland 1	Duplications 9
New Jersey 150	South Carolina . . . 6	—
New Mexico 1	Spain 2	Total 2573

HOUSTON HALL AND DORMITORIES.

HOWARD HOUSTON HALL.

HOUSTON HALL is a club-house for the use of the students of the University of Pennsylvania. Its purposes, briefly stated, are to provide for the students of the various departments a place where all may meet on common ground and to furnish them with every available facility for passing their leisure hours in healthy recreation and amusement. The equipment of the Hall includes a reading-room, with a large number of periodicals and newspapers; smoking-rooms, billiard and pool tables, tables for chess and checkers, a correspondence room, bowling alleys, shuffle boards, a bath room, including shower and needle baths, and a swimming pool; athletic trophy rooms; a large auditorium with grand organ; rooms for the university papers and other organizations; a dark room for amateur photographers, and many other rooms for general purposes.

The Hall is the home of the Houston Club, to membership in which any student or officer of instruction is eligible. The cost of membership is two (2.00) dollars per annum.

DORMITORIES.

The dormitory buildings form a large block surrounding two open courts. Copies of plans of the dormitories, indicating the general dimensions of the rooms, as well as other printed information, may be obtained upon application to E. W. Mumford, College Hall. Prices for single rooms range from \$50 to \$105 per annum, and for double rooms from \$180 to \$210.

As will be seen by reference to the plans, about one-half of the rooms are *en suite*, providing for two students a common study, with two bedrooms. Most of the remaining rooms are for a single occupant. All rooms and halls are heated by steam and lighted by electricity. The buildings are on the "separate staircase" system, all doors opening into the courts. On each floor and on every staircase are lavatories, with hot and cold shower baths, etc. Almost all the double, and many of the single, rooms have open fireplaces. The University supplies for each student the following furniture: bedstead, mattress, bureau, washstand, table, bookcase, chairs and toilet china.

DINING HALL.

A Dining Hall, situated on a plot of ground adjacent to the dormitories, furnishes good table board at \$3.50 a week. This price includes service.

DEPARTMENT OF DENTISTRY.

FACULTY.

CHARLES C. HARRISON, LL. D., PROVOST.

EDGAR F. SMITH, PH. D., SC. D., VICE-PROVOST.

CHARLES J. ESSIG, M. D., D. D. S., Professor of Mechanical Dentistry and Metallurgy.

EDWIN T. DARBY, M. D., D. D. S., Professor of Operative Dentistry and Dental Histology.

JAMES TRUMAN, D. D. S., Professor of Dental Pathology, Therapeutics and Materia Medica.

EDWARD C. KIRK, D. D. S., Professor of Clinical Dentistry, and
DEAN OF THE FACULTY.

EDWARD T. REICHERT, M. D., Professor of Physiology.

GEORGE A. PIERSOL, M. D., Professor of Anatomy.

JOHN MARSHALL, M. D., NAT. SC. D., LL. D., Professor of Chemistry and Toxicology.

MATTHEW H. CRYER, M. D., D. D. S., Professor of Oral Surgery.

ALEXANDER C. ABBOTT, M. D., Professor of Bacteriology.

GEORGE G. MILLIKEN, M. D., D. D. S., Assistant Professor of Operative Technics.

JOHN D. THOMAS, D. D. S., Lecturer on Nitrous Oxide.

MEYER L. RHEIN, M. D., D. D. S., Lecturer on Dental Pathology.

FREDERIC A. PEESO, D. D. S., Lecturer on Crown-and-Bridge Work.

SAFFORD G. PERRY, D. D. S., Lecturer on Operative Dentistry.

DEMONSTRATORS.

WILLIAM DIEHL, D. D. S., Demonstrator of Operative Dentistry.

A DEWITT GRITMAN, D. D. S., Demonstrator of Mechanical Dentistry.

JAMES G. LANE, D. D. S., Demonstrator of Mechanical Dentistry.

AMBLER TEES, D. D. S., Demonstrator of Dental Ceramics.

R. HAMILL D. SWING, D. D. S., Demonstrator of Anæsthetics and Extracting.

FREDERICK AMEND, JR., D. D. S., Demonstrator of Mechanical Dentistry.

MILTON N. KEIM, JR., D. D. S., Demonstrator of Mechanical Dentistry.

J. EDWARD DUNWOODY, D. D. S., Demonstrator of Crown-and-Bridge Work.

ROBERT J. SEYMOUR, D. D. S., Demonstrator of Mechanical Dentistry.

A. SWANTON BURKE, D. D. S., Demonstrator of Mechanical Dentistry.

WILLIAM C. MARSH, D. D. S., Demonstrator of Operative Dentistry.

JAMES A. DOWDEN, D. D. S., Demonstrator of Mechanical Dentistry.

WILSON ZERFING, D. D. S., Demonstrator of Operative Dentistry.

G. JANVIER PAYNTER, D. D. S., Demonstrator of Tooth Modeling.

FREDERICK W. ALLEN, D. D. S., Demonstrator of Operative Technics.

EUGENE A. LINCOLN, D. D. S., Demonstrator of Crown-and-Bridge Work.

LEWIS W. DARLINGTON, D. D. S., Demonstrator of Operative Dentistry.

W. LEON ELLERBECK, D. D. S., Demonstrator of Operative Dentistry.

JOHN A. McCLAIN, D. D. S., Demonstrator of Operative Dentistry.

EDMUND W. HOLMES, M. D., Demonstrator of Anatomy.

ROBERT FORMAD, M. D., Demonstrator of Normal Histology.

GEORGE H. CHAMBERS, M. D., Assistant Demonstrator of Normal Histology.

AUGUSTUS O. KOENIG, B. S., M. D., Demonstrator of Dental Metallurgy, and Assistant Demonstrator of Normal Histology.

JOHN M. SWAN, M. D., Demonstrator of Osteology.

DANIEL W. FETTEROLF, M. D., Demonstrator of Chemistry.

PERCIVAL W. DARRAH, M. D., Assistant Demonstrator of Physiology.

J. GARRETT HICKEY, D. D. S., Assistant Demonstrator of Physiology.

CLINICAL INSTRUCTORS.

Dr. C. S. BECK,

Dr. W. R. MILLARD,

Dr. R. R. UNDERWOOD,

Dr. H. C. REGISTER,

Dr. I. F. WARDWELL,

Dr. DANIEL N. McQUILLEN,

Dr. EDWARD I. KEFFER,

Dr. JOHN R. YORKS.

STUDENTS.

THIRD-YEAR CLASS.

Name.	Residence.	City Address.
Able, Arthur Garfield,	Frenchtown, N. J.,	3338 Walnut St.
Andrews, Percy William,	Pittston,	Dorm. 21 S.
Armstrong, William Henry,	Springfield, Mass.,	3610 Walnut St.
Balmer, Thomas Albert,	Duluth, Minn.,	5009 Woodland Ave.
Banks, George Herbert,	Guilford, Conn.,	3610 Walnut St.
Barnard, John Earl, Ph. B. (Oberlin),	Oberlin, Ohio,	3935 Baltimore Ave.
Beckwith, William Howard	Bridgetown,	3610 Walnut St.
Heartz,	N. S., Can.,	
Beisel, Charles,	Hazleton,	Dorm. 379 Lippincott.
Blatner, Le Roy Solomon,	Albany, N. Y.,	217 S. 33d St.
Bolte, Albert Ludwig,	Berlin, Germany,	3349 Woodland Ave.
Bower, Abram Latshaw,	Boyertown,	506 N. 18th St.
Brady, Louis Alvah,	Albany, N. Y.,	126 S. 34th St.
Bristow, Herbert, L. D. S. (England)	Hessle, East Yorks, England,	126 S. 34th St.
Broderick, William Patrick,	St. John, N. B., Can.,	126 S. 34th St.
Buchanan, Thomas, Jr.,	Philadelphia,	3316 Haverford Ave.
Buckeridge, Edmund,	Nelson, New Zealand,	3610 Walnut St.
Bullet, Max, Dentiste Diplomé (Suisse),	Estavayer, Switzerland,	122 S. 33d St.
Butler, William Nelson,	Santa Barbara, Cal.,	3610 Walnut St.
Calcott, Reid,	St. Catherines, Canada,	3242 Locust St.
Clark, John Francis,	Springfield, Mass.,	3437 Lancaster Ave.
Clark, Ross Armstrong,	Belleville, N. Y.,	111 S. 34th St.
Cochran, Victor,	Middletown, Del.,	3958 Pine St.
Creveling, William Boyd,	Washington, N. J.,	3305 Walnut St.
Crosby, Frank Ernest,	Yarmouth, N. S., Can.,	214 S. 37th St.
Crow, George Maurice,	Los Angeles, Cal.,	3725 Spruce St.
Crowe, Richard Daniel,	Bangor, Me.,	3131 Powelton Ave.
Cummings, Guy Austin,	Ware, Mass.,	3422 Sansom St.
Davenport, Fuller Levi,	Plymouth,	Dorm. 344 McKean.
Davis, Charles Griffith,	Plainfield, N. J.,	Dorm. 16 Bodine.
Davis, George Eugene,	Oswego, N. Y.,	3610 Walnut St.
Deck, Ernest Feild,	Sydney, Australia,	3935 Baltimore Ave.
DeLand, Leverett Curtis,	Brooklyn, N. Y.,	3305 Walnut St.
Denius, Samuel Franklin,	Mifflinburg,	3320 Woodland Ave.
Devereaux, Ambrose Henry,	New Haven, Conn.,	3719 Spruce St.
Dickinson, Charles Augustus,	Brookston,	Dorm. 45 Memorial.
Dietz, Charles Frederick,	Lock Haven,	Dorm. 321 Leidy.
Diggins, Patrick Francis,	Delaware, Ohio,	3328 Walnut St.

Name.	Residence.	City Address.
Dolan, Claude Martin,	Sydney, N. Y.,	64 N. 36th St.
Doskow, Samuel,	Philadelphia,	434 Lombard St.
Duryee, Edward Combs,	Freehold, N. J.,	Dorm. 449 Lippincott.
Easton, William David,	Rockland, Mass.,	Dorm. 15 Morris.
Eberly, Austin Coover,	Mechanicsburg,	3309 Walnut St.
Eckman, Horace Milton,	Philadelphia,	624 N. 22d St.
Edelman, George Leo,	Rochester, N. Y.,	3223 Locust St.
Erwin, Joseph,	Bethlehem,	225 S. 33d St.
Fairthorne, Frederick Westwood,	Melbourne, Australia,	3213 Sansom St.
Faught, Francis Ashley,	Philadelphia,	121 N. 16th St.
Fine, William Middleton,	Trenton, N. J.,	3610 Walnut St.
Fiset, Charles Frederick Elzear,	Grand Forks, N. Dak.,	3610 Walnut St.
Fison, Harry Killick,	Peace Dale, R. I.,	3428 Sansom St.
Flanagan, Joseph Edward,	Worcester, Mass.,	3610 Walnut St.
Flory, Robert Earl,	Dayton, Ohio,	23 S. 34th St.
Fowler, Charles S,	Watertown, N. Y.,	3346 Walnut St.
Fox, Frank Anthony,	Philadelphia,	1214 Master St.
Fraser, Arthur Russell,	Rochester, N. Y.,	3604 Walnut St.
Garner, Frank Baldwin,	Muncie, Ind.,	3305 Walnut St.
Graham, George Wilbert,	Camden, N. J.,	[562 Mickel St.]
Habben, Harry Richardson,	Paterson, N. J.	Dorm. 32 Bodine.
Hagerty, James Patrick,	New Brunswick, N. J.,	225 S. 33d St.
Hall, Benjamin Serajah,	Colchester, Conn.,	3338 Chestnut St.
Hall, Ernest Lockwood, A. B. (Bowdoin),	N. Bridgeton, Maine,	3334 Walnut St.
Hammond, Howard Ephraim John,	Auburn, N. Y.,	122 S. 33d St.
Hare, Richard Joseph,	Ashburnham, Mass.,	225 S. 33d St.
Harrison, Charles John,	E. Liverpool, Ohio,	660 N. 39th St.
Hayward, Ralph Eldredge,	Providence, R. I.,	3263 Sansom St.
Heap, James Edward,	do.	3309 Walnut St.
Heath, Albert Edward,	Wilkesbarre,	214 S. 37th St.
Hewitt, William Stirling, D. D. S. (Philadelphia),	Burlington, N. J.	Dorm. 13 P.
Horner, John M,	Pittsfield,	3244 Locust St.
Houck, Harry Martin,	Berwick,	3701 Woodland Ave.
Houck, John Wesley,	do.	3701 Woodland Ave.
Hutchison, Robert Ray- mond,	Pittsburg,	3313 Walnut St.
Ivy, Robert Henry,	Shanghai, China,	Lansdowne.
Jenks, Louis Arnold,	Syracuse, N. Y.,	3223 Sansom St.
Jennings, Floyd LeRoy,	Lakeville, Conn.,	3214 Chestnut St.
Jewell, George Clarence, B. S. (Ill. Wesleyan),	Bloomington, Ill.,	3265 Sansom St.
Jordan Stanley Livingston,	Williamsport,	Dorm. 148 Alumni.
Joslin, Manley Arthur,	Slingerlands, N. Y.,	64 N. 36th St.

Name.	Residence.	City Address.
Kattermann, George Emil,	Frankenberg, Saxony, Germany,	3633 Walnut St.
Keaveny, Patrick Henry,	Wilmingon, Del.,	[1202 West St.]
Kelley, John Hopkins,	Philadelphia,	509 S. 45th St.
Kuhn, Max, Diplomierte Zahnarzt (Schweiz),	St. Gall, Switzerland,	3349 Woodland Ave.
Kuhnmuensch, Andrew Jacob,	Milwaukee, Wis.,	3320 Woodland Ave.
Lane, Cameron Erb,	Oregon,	3826 Locust St.
Langshaw, Walter Nangel,	Philadelphia,	1638 S. 15th St.
Larrabee, Leo Leroy,	Prospect Harbor, Me.,	3740 Powelton Ave.
Lavelle, Walter Beale,	Philadelphia,	525 Cross St.
Lebram, Ernst, Zahnarzt (Berlin),	Berlin, Germany,	3349 Woodland Ave.
Lees, Charlie, L. D. S. (England), M. R. C. S., L. R. C. P. (London),	Huddersfield, England,	Dorm. 31 S.
Lehr, John Henry,	Lykens,	Dorm. 41 Morris.
Lewis, Reginald Joseph Moss, M. D. (Columbia),	Providence, R. I.,	218 De Kalb Sq.
Long, Leon Casper,	Pittsburg,	3400 Walnut St.
Lummis, Herbert Warren,	Cedarville, N. J.,	24 S. 34th St.
Lummis, Warren Cleveland,	Bridgeton, N. J.,	Dorm. 426 Baldwin.
MacGregor, James Henry,	Elizabeth, N. J.,	3254 Sansom St.
McDonald, William Bernard,	Geneva, N. Y.,	23 S. 34th St.
McGoff, Walter Henry,	Nashua, N. H.,	3420 Sansom St.
McKeown, James Bernard,	Philadelphia,	1639 Christian St.
McLain, Charles Bates,	Wheeling, W. Va.,	217 S. 33d St.
Mann, Albert English,	Brantford, Ont., Can.,	3265 Sansom St.
Mansel, Bernhard H.,	Williamsport,	3439 Woodland Ave.
Markwitz, Louis,	San Francisco, Cal.,	3336 Woodland Ave.
Mazeine, Raymond,	New Haven, Conn.,	3610 Walnut St.
Mead, Frank Herbert, A. B. (Bowdoin),	Bridgton, Me.,	3334 Walnut St.
Means, Thomas Kerr,	Geneva, N. Y.,	225 S. 33d St.
Meserve, Ashbel Fitch,	Robinson, Ill.,	2102 Arch St.
Mierley, Clyde Vernon,	Huntingdon,	212 S. 37th St.
Miller, Kyle Wilson,	Bradford,	214 S. 37th St.
Molyneaux, Orville James,	Overton,	3417 Woodland Ave.
Monet, Louis, Dentiste Diplomé (Suisse),	La Chaux-de-Fonds, Switzerland,	122 S. 33d St.
Moorhead, Omar Osmer,	Brockwayville,	5037 Cedar Ave.
Moore, Thomas Thompson, Jr.,	Columbia, S. C.,	264 S 38th St.
Morin, Etienne Charles Louis, M. D. (Paris),	Paris, France,	3330 Woodland Ave.
Moxham, Harry Cuthbert- son,	Sydney, Australia,	3941 Baltimore Ave.

Name.	Residence.	City Address.
Nailos, John Louis,	Waterloo, N. Y.,	3251 Locust St.
Neuhaus, Antonie Peter Wilhelm,	The Hague, Holland,	Dorm. 438 Hopkinson.
O'Brien, John Aloysius,	Philadelphia,	42 E. Washington Lane, Gtn.
O'Donnell, Patrick X	Drifton,	3306 Melon St.
Oglesby, Samuel,	Chester,	[402 E. 4th St.]
Olson, William,	Duluth, Minn.,	3723 Spruce St.
Osborn, Howard Baldwin,	Passaic, N. J.,	Dorm. 49 Bodine.
Parker, Harry Jonathan,	Bridgeton, N. J.,	3439 Woodland Ave.
Pearce, Frank James, L. D. S. (England),	Brentford, England,	3342 Walnut St.
Pearse, Walter Leslie, L. D. S. (England),	Tunbridge Wells, England,	126 S. 34th St.
Phillips, Merritt Flint,	Sackett Harbor, N. Y.,	111 S. 34th St.
Pinkerton, Burton Le Roy,	Fountain Springs,	262 N. Juniper St.
Pollitt, Gerald Paton, L. D. S. (England),	Blackburn, England,	3342 Walnut St.
Quin, Walter Sarsfield,	Bridgeport, Conn.	3610 Walnut St.
Read, Frank, Jr.,	Rosemont,	Dorm. 121 McKean.
Reynolds, Francis Bernhard,	So. Amenia, N. Y.,	3214 Chestnut St.
Rice, Albert Curtis,	Northampton, Mass.,	217 S. 33d St.
Riley, Theodore Augustus,	Geneseo, N. Y.,	Dorm. 128 Class of '87.
Sadler, Horace Trickett,	Carlisle,	3423 Walnut St.
Schreiber, William Leo, Jr.,	Philadelphia,	1632 S. 13th St.
Schultz, Edward M	do.	4302 Walnut St.
Scott, Saul Ludwig,	Greenville, Miss.,	Dorm. 27 Bodine.
Sewell, Ernest Roy,	Fredericton, N. B., Can.,	Dorm. 327 Franklin.
Shannon, William Richard,	Steubenville, O.,	3729 Spruce St.
Sharp, Everett Thomas,	Seneca Falls, N. Y.,	3425 Walnut St.
Simpler, Robert Allen,	Philadelphia,	4235 Haverford Ave.
Simpson, Joseph Irving,	Middletown, N. Y.,	3338 Walnut St.
Slade, Arthur Roland,	Vineland, N. J.,	3323 Walnut St.
*Smith, George Millard,	Zanzibar, Africa.	
Smith, James Robert,	Fountaintown, Ind.,	3305 Walnut St.
Smith, Luther J	Waterford, N. Y.,	3248 Sansom St.
Spencer, Scott Bush,	Pleasant Mount,	3417 Woodland Ave.
Stebbins, Arthur Le Baron,	Colchester, Conn.,	3338 Chestnut St.
Sweetser, Leon Oxnard,	Biddeford, Me.,	3608 Walnut St.
Telford, George,	Valens, Ont., Can.,	217 S. 33d St.
Thompson, Dwight Verner,	Bradford,	214 S. 37th St.
Tismer, Gustav Paul, M. D. (Pennsylvania),	Philadelphia,	Dorm. 41 Memorial.
Tonkin, Samuel Edgar,	Wilkesbarre,	3345 Woodland Ave.
Twigg, Vernon Bugar,	Sing Sing, N. Y.,	3346 Walnut St.

Name.	Residence.	City Address.
Van Loan, Morton,	Athens, N. Y.,	3706 Spruce St.
Wallace, Charles Edgar, Jr.,	Chesterfield, N. J.,	3321 Walnut St.
Wallace, Louis Guest,	Lakewood, N. J.,	3935 Baltimore Ave.
Warrack, Malcolm, L. D. S.	Stranraer,	204 S. 36th St.
(Edinburgh),	Scotland,	
Wasley, Leon Tucker,	Shenandoah,	14 N. 38th St.
Weaver, Herbert Marshall,	Hespeler, Ont.,	Dorm. 336 Foerderer.
	Can.,	
Weirick, Henry Woods,	Washington,	3248 Chestnut St.
White, William Dwight,	Wilkesbarre,	3447 Woodland Ave.
Wight, Royal Eugene,	Syracuse, N. Y.,	3305 Walnut St.
Winter, Henry Buhl,	Altoona,	206 S. 37th St.
Witte, Georg Ferdinand,	Berlin, Germany,	3349 Woodland Ave.
Zahnarzt (Berlin),		
Wolcott, Clayton Prouty,	Greenfield, Mass.,	Dorm. 373 Hopkinson.
Woodley, Frank Ellis,	Hughesville,	Dorm. 119 McKean.
Woolley, Owen,	Elberon, N. J.,	3323 Walnut St.
Zimmerman, Oscar,	Philadelphia,	1144 Jackson St.

SECOND-YEAR CLASS.

Abbott, Clarence Edson,	Franklin, Mass.,	Dorm. 30 Morris.
Arzube, C José Miguel,	Guayaquil, Ecuador,	211 S. 33d St.
Babcock, Ralph Winslow,	Nortonville, Kan.,	126 S. 34th St.
Baum, John Michael,	Palmyra,	3911 Woodland Ave.
Bigham, Leon Thomas,	Watertown, N. Y.,	3721 Spruce St.
Bolton, William Horace,	Lewiston, Maine,	3707 Hamilton St.
Bowen, Arthur Crossman	Providence, R. I.,	Dorm. 54 Morris.
Whitmore,		
Brenton, Richard Sawyer,	Pittston,	3717 Spruce St.
Brode, Roy Franklin,	Philadelphia,	3100 N. Broad St.
Burr, Nelson Amos, M. D.	Holyoke, Mass.,	3320 Woodland Ave.
(Columbus),		
Burrows, William, Jr.,	Philadelphia,	1306 S. 2d St.
Byerly, Paul Robertson,	Millersville,	3719 Spruce St.
Cairolì, George Walker,	Milford, Conn.,	3423 Walnut St.
Carr, Ernest Linwood,	Philadelphia,	1635 Susquehanna Ave.
Clayton, John Grundy,	Yankalilla, Australia,	116 S. 33d St.
Clune, James Gerald,	Carbondale,	Dorm. 362 Baird.
Collin, Samuel William,	Philadelphia,	1931 Chestnut St.
Comegys, Cornelius George,	Gainesville, Texas,	3271 Locust St.
Cope, Horace Cribbs,	Greensburg,	Dorm. 323 Leidy.
Corderman, John Wesley,	West Port, Ky.,	3331 Walnut St.
Courtright, Burton Allen,	Wilkesbarre,	3423 Walnut St.
Crowell, George Willis,	Hamilton, N. Y.,	228 N. 19th St.
Cumbler, Horace Middaugh,	Steelton,	3254 Sansom St.
Daniel, William Wright,	Paris, Texas,	3271 Locust St.
Darragh, Alonzo Linton,	Philadelphia,	3931 Powelton Ave.
Davidson, Herbert Alonzo,	Leicester, Mass.,	Dorm. 221 McKean.

Name.	Residence.	City Address.
Deatrick, David Philip,	Gettysburg,	3475 Sansom St.
De Witt, Harvey Seymour,	Middletown, N. Y.,	3422 Sansom St.
Diller, William Henry,	Carlisle,	4130 Ogden St.
Drumheller, Walter Edwin,	Shamokin,	3346 Walnut St.
Dunlap, Robert Montgomery,	Harrisburg,	13 N. 34th St.
Eaton, Eugene Brayton,	Canning, Canada,	3713 Woodland Ave.
Ewald, Franz, M. D. (Vienna),	Vienna, Austria,	3349 Woodland Ave.
Fague, Jacob Dimm,	Muncy,	3328 Walnut St.
Fairweather, Earl Chap- man,	Berlin, Wis.,	3271 Locust St.
Fischer, Leo Nicholas,	Philadelphia,	3345 N. 5th St.
Fitchie, Thomas Henry,	Belfast, Ireland,	3607 Woodland Ave.
Flanagan, Timothy Paul,	Westfield, Mass.,	3262 Ludlow St.
Fleming, Arthur Hynes,	Louisburg, N. C.,	3331 Walnut St.
Fowler, Henry,	Phoenix, Arizona,	3255 Locust St.
Fowler, Richard C,	do.	do.
Freas, James Warren,	Berwick,	3337 Woodland Ave.
Gaede, Anton Henry,	Philadelphia,	1537 S. 11th St.
Gardner, Daniel Staples,	Moscow,	3713 Woodland Ave.
Geary, Charles Starr,	Scranton,	3345 Woodland Ave.
Gill, Ralph Ekin,	Pittsburg,	3313 Walnut St.
Glendining, Halbert Cecil,	Waihua Station, New Zealand.	3610 Walnut St.
Glynn, Harry Denzil,	Turner's Falls, Mass.,	3309 Walnut St.
Goodwin, John Hooper,	Marblehead, Mass.,	3218 Chestnut St.
Gore, Jehu Thomas,	Philadelphia,	5177 Jefferson St.
Haas, Arthur,	New York, N. Y.,	Dorm. 254 Alumni.
Hanrahan, William George,	Newark, N. J.,	9 N. 36th St.
Hayden, John Francis,	Bryn Mawr,	
Heald, Charles Evan,	Hamorton,	116 S. 33d St.
Healy, Arthur Edward,	New Haven, Conn.,	3305 Walnut St.
Hertz, Clarence Henry,	Hazleton,	3911 Woodland Ave.
Hinkle, Edgar Daniel,	Littlestown,	103 N. 34th St.
Hobby, George Willard,	Stamford, Conn.,	109 S. 34th St.
Jordan, Archer, A. B. (Colby),	Auburn, Maine,	3707 Hamilton St.
Joslyn, Walter Earl,	Rochester, N. Y.,	3254 Sansom St.
Kennedy, Albert Rutherford,	Lawrence, Kan.,	Dorm. 375 Hopkinson.
Kramer, Harry Austin,	Oil City,	120 S. 34th St.
Laing, George Irving,	Tranquillity, N. J.,	3417 Walnut St.
Laughlin, Norman Hamil- ton,	Waterford, N. Y.,	3248 Sansom St.
Lebo, Arthur Edward, B. S. (Lafayette),	Lykens,	Dorm. 33 Memorial.
Lees, Hervey Platt,	Central Falls, R. I.,	3337 Woodland Ave.
Leonard, George Stevenson Brewster,	Willimantic, Conn.,	3305 Walnut St.
Macdonald, Foster Barber,	Oliver's Mills,	3429 Walnut St.

Name.	Residence.	City Address.
Machado, Gabriel Ruperto,	Kingston, Jamaica,	227 S. 44th St.
Machado, Guillermo Juan,	do.	do.
*Malone, Daniel Franey,	Shenandoah,	Dorm. 333 Franklin.
Mancill, Walter Lee,	Philadelphia,	3402 Sansom St.
Manley, El Dorado, Jr.,	do.	2348 N. Broad St.
Marvin, George Pearson,	Passaic, N. J.,	3423 Walnut St.
Mausteller, William Black,	Milton,	109 S. 34th St.
McLaughlin, William John,	Bridgeport, Conn.,	3429 Walnut St.
Mehler, Charles Christian,	Philadelphia,	1936 Columbia Ave.
Metzger, Edwin Samuel,	New York, N. Y.,	Dorm. 404 Brooks.
Meyers, John Cooper	Phillipsburg, N. J.,	Dorm. 378 Hopkinson.
Montfort, Clive Wager,	Newburgh, N. Y.,	3743 Spruce St.
Moore, Charles Leonard,	Plainfield, N. J.,	Dorm. 335 Franklin.
Myers, John Joseph,	Wallingford, Conn.,	3429 Walnut St.
Newman, Allan Munroe,	Bristol, R. I.,	3721 Spruce St.
Noblit, William Hyndman,	Chadd's Ford,	Dorm. 226 Baldwin.
Ogden, Harry Barton,	Canandaigua, N. Y.,	126 S. 34th St.
Pereda, José,	Córdoba, Mexico,	107 S. 34th St.
Peter, Henry Herman,	Philadelphia,	3952 Pine St.
Prentiss, Elias Briggs,	Friendship, N. Y.,	126 S. 34th St.
Ritter, Elmer Stauffer,	Norristown,	3265 Sansom St.
Roberts, William Arthur,	Quakertown,	3265 Locust St.
Saylor, Harry Detwiler,	Eagleville,	723 N. 20th St.
Scripture, Chester Milton,	Willimantic, Conn.,	3305 Walnut St.
Sheehan, Joseph Aloysius,	Wilkesbarre,	Dorm. 362 Baird.
Simon, Milton Leopold,	New York, N. Y.,	Dorm. 307 Brooks.
Singer, John Gray,	Fergus, Canada,	3713 Woodland Ave.
Smith, Claude Malsan,	Whitesboro, N. Y.,	3715 Spruce St.
Smith, Frank Wesley,	Bryn Mawr,	3625 Hamilton St.
Snook, Theodore Page,	Waverly, N. Y.,	3412 Sansom St.
Spangenberg, Harry Dufford,	Washington, N. J.,	Dorm. 378 Hopkinson.
Specker, Otto John,	Berlin, Canada,	215 S. 33d St.
Standen, John Arthur,	Philadelphia,	1220 Locust St.
Stevenson, Joseph Samuel,	Ringgold, Md.,	214 S. 37th St.
Stillman, Ernest Earl,	Troy, N. Y.,	3912 Pine St.
Strang, Robert Hallock	Bridgeport, Conn.,	3610 Walnut St.
Wright,		
Taunton, Henry Cresswell	Sydney, Australia,	127 S. 34th St.
Doidge,		
Thomson, Raymond Elliott,	Utica, N. Y.,	3331 Walnut St.
Townshend, Oliver Beale,	Woodville, New Zealand,	122 S. 33d St.
Van Buskirk, Harry White,	Belvidere, N. J.,	Dorm. 390 Lippincott.
Van Valkenburgh, J. Smith,	Brooklyn, N. Y.,	3423 Walnut St.
Van Valkenburgh, Ray- mond Hubert,	Greene, N. Y.,	3321 Walnut St.
Voorhees, George Van	New Brunswick,	3305 Walnut St.
Wickle,	N. J.,	

Name.	Residence.	City Address.
Wallace, Lynn Robert,	Oil City,	120 S. 34th St.
Ware, William,	Philadelphia,	2136 N. Camac St.
Wetzel, Daniel Hart,	Norristown,	Dorm. 23 Memorial.
Wilson, George Alfred, Jr.,	New York, N. Y.,	3431 Walnut St.
Winsmore, Harry Davis,	Philadelphia,	1508 S. Broad St.

FIRST-YEAR CLASS.

Adam, Morris Rothermel,	Shoemakerville,	3251 Locust St.
Aldrich, Stephen Alonzo,	Plainfield, N. J.,	Dorm. 385 Lippincott.
Anderson, Joseph Richard,	Grantsville, Utah,	3954 Pine St.
Ash, Percy Arthur,	Sydney, Australia,	Dorm. 310 Brooks.
Babcock, Lisle Hiram,	Binghampton,	3330 Walnut St.
	N. Y.,	
Bair, John Tobias,	Hamburg,	3330 Walnut St.
Barone, Walter A	Watertown, N. Y.,	3244 Sansom St.
Barrett, Michael Thomas,	Huntingdon, Can.,	3423 Walnut St.
Bassett, Paul Leon,	Bridgeton, N. J.,	3425 Walnut St.
Beard, Clarence Warren,	Waynesboro,	214 S. 37th St.
Blocher, Edgar Thomas,	Littlestown,	3340 Walnut St.
Bogert, George John,	Emaus,	3263 Sansom St.
Boone, William Clair,	Leon, Iowa,	3933 Baltimore Ave.
Brash, William Wheeler,	Ogdensburg, N. Y.,	Dorm. 49 Morris.
Brooke, Milton M	Uniontown,	3838 Baring St.
Brown, Lex Rowley,	Clearfield,	3205 Race St.
Brown, Thomas McClary,	Wilmington, Del.,	Dorm. 227 Baldwin.
Burdge, Fred. B	Asbury Park, N. J.,	3613 Locust St.
Callaghan, Charles Frank,	Erie,	Dorm. 425 McKean.
Clarke, Silas Edward,	Frankford,	[1665 Harrison St.]
Cross, Clarence Garfield,	Sterling,	3713 Woodland Ave.
Croker, Henry Charles,	Weymouth Centre,	3715 Woodland Ave.
	Mass.,	
Davis, Lucullus Naudain,	Philadelphia,	3708 Spruce St.
De Long, George Frederick,	Kutztown,	101 S. 34th St.
Del Pino, Ernesto,	Cintalapa, Mexico,	Dorm. 151 Alumni.
De Maris, Roscoe Thompson,	Cedarville, N. J.,	24 S. 34th St.
Dilworth, Townsend Pen-	Ashland, Del.,	412 N. 32d St.
nock,		
Downing, Luis,	Granada, Nica-	Dorm. 432 Class of '87.
	ragua,	
Drake, Edward Charles,	Auckland, New	110 S. 33d St.
	Zealand,	
Echternach, Joseph Potts,	Christiana,	3613 Locust St.
Elliott, Ernest Earl,	Oberlin, Ohio,	3935 Baltimore Ave.
Ph. B. (Oberlin),		
Forster, Frederick Robert,	Sydney, Australia,	3261 Sansom St.
Gerhard, Milton Urich,	Reading,	3706 Spruce St.
*Ginns, Robert,	Philadelphia,	310 N. 3d St.
Gladfelter, Walford Stanley,	Seven Valley,	3338 Walnut St.
Gleason, Carl Schurz,	McKeesport,	3615 Walnut St.

* Not in attendance.

Name.	Residence.	City Address.
Godden, Henry Danvers,	Auckland, New Zealand,	110 S. 33d St.
Habben, John Inglis,	Paterson, N. J.,	Dorm. 32 Bodine.
Hagerman, Robert Barry,	Florenceville, N. B., Canada,	206 S. 37th St.
Hausman, James Young,	Allentown,	4716 Woodland Ave.
Henderson, Wade Melchior,	Brookville,	3331 Woodland Ave.
Hessler, Henry William,	New Haven, Conn.,	3330 Walnut St.
Hodgkins, Nathan William,	Lamonie, Maine,	3344 Lancaster Ave.
Hood, Augustus Ehrenfeld,	Indiana,	3432 Sansom St.
Houck, Nathan Ray,	Laanna,	3713 Woodland Ave.
Howland, Clifford,	Newark, N. J.,	3255 Locust St.
Herrman, Joseph Albert,	Philadelphia,	1324 Germantown Ave.
Johnson, Frederick Conger,	Vineland, N. J.,	101 S. 34th St.
Johnson, Lucius Warren,	Syracuse, N. Y.,	3431 Walnut St.
Jones, Joseph Alfred,	Long Branch, N. J.,	3323 Walnut St.
Kanaga, Elon,	Charleroi, Mich.,	[Lansdowne, Pa.]
Kew, Frederick Howard,	Hong Kong, China,	223 S. 33d St.
King, Allyn Miller,	Mansfield, Ohio,	204 S. 36th St.
Kinsey, Joseph Isburn,	Philadelphia,	2139 S. 15th St.
Koons, Fred William,	Freeland,	320 S. 10th St.
Kraeer, Samuel May,	Oil City,	3244 Sansom St.
Larrabee, William Henry Harrison,	Syracuse, N. Y.,	3269 Locust St.
Lapp, P. C. Hollis,	Philadelphia,	417 N. 32d St.
Logan, Harry Lehr,	Pine Grove,	3929 Baltimore Ave.
Lotz, Warner Chalmers,	Philadelphia,	1610 S. 4th St.
Ludes, Joseph Casimir,	Lykens,	3961 Lancaster Ave.
McCusker, John Francis Xavier,	Philadelphia,	2426 N. Broad St.
McBride, John Edwin,	Washington,	3248 Chestnut St.
McCausland, Hervey Walton,	Philipsburg,	3205 Race St.
*McDermott, Cornelius Charles Joseph,	Philadelphia,	1634 Cherry St.
McGuire, Henry Edward,	New Haven, Conn.,	Dorm. 47 Morris.
McKinley, William John,	Philadelphia,	1529 N. 8th St.
Major, Thomas Arthur,	Fortyfort,	2112 Mt. Vernon St.
Mason, Gamaliel Bartle,	Norwich, N. Y.,	3615 Sansom St.
Mills, John Joseph,	Montreal, Canada,	3218 Chestnut St.
Mocenter, Henry,	Westport, Conn.,	3912 Pine St.
Moul, Edwin Milton Washington,	York,	Dorm. 10 Memorial.
Mulford, Albert Llewellyn,	Camden, N. J.,	[26 Broadway.]
Murphy, Percival Frederick Gaun,	St. Petersburg, Russia,	116 S. 33d St.
Nelson, Carl August,	Brockton, Mass.,	3633 Walnut St.
Newland, Charles Leonard Edward,	Southampton, England,	Dorm. 235 Baird.

* Not in attendance.

Name.	Residence.	City Address.
Nims, Oren Sheldon,	Keene, N. H.,	204 S. 36th St.
O'Malley, Peter Francis,	Olyphant,	3953 Baltimore Ave.
O'Neill, Emmett, Jr.,	Philadelphia,	4225 Frankford Ave.
Orchard, Hambly Samuel,	Sing Sing, N. Y.,	3346 Walnut St.
Ogden, Harold Hyde,	Westport, Conn.,	Dorm. 23 Memorial.
Parks, Robert Roy,	Steelton,	3838 Baring St.
Payne, Ernest Clinton,	Shelburne Falls, Mass.,	217 S. 33d St.
*Peckham, Josiah Freeborn,	Bristol, R. I.	
Jr.,		
Peirce, James Frank,	Wilmington Del.,	[406 Jefferson St.]
Pepper, Charles Vincent,	Ashland,	3953 Baltimore Ave.]
Poulson, William Cutler,	Philadelphia,	4979 Sheldon St., Gtn.
*Reed, Edward Rumford,	Beverly, N. J.	
Reid, Albert Du Rose,	West Chester,	[601 W. Gay St.]
Rockefeller, Harold,	Hudson, N. Y.,	3706 Spruce St.
Rowley, Homer Sexton,	Mechanicville, N. Y.,	3431 Walnut St.
Ryan, Thomas John,	Worcester, Mass.,	3331 Walnut St.
Sausser, Emerson Randolph,	Philadelphia,	3614 Walnut St.
Seeley, Bert,	Woodhull, N. Y.,	3265 Woodland Ave.
Seidel, Charles,	Bryn Mawr.	
Shuman, Myron Bennet,	Mainville,	3330 Walnut St.
Smith, Robert Clifford,	Tacony,	[6942 Marsden St.]
Squier, Leslie Edwin,	Lewiston, Idaho,	3323 Walnut St.
Suffern, Edward Russell,	Hillburn, N. Y.,	Dorm. 300 Brooks.
Sullivan, Charles Rennie,	Pittsfield, Mass.,	3346 Lancaster Ave.
Sullivan, William Francis,	Thompsonville, Conn.,	3256 Chestnut St.
Sullivan, William Manley,	North Adams, Mass.,	3346 Lancaster Ave.
Tanqueray, George Adolph,	Paris, France,	3330 Walnut St.
Turner, Joseph Edwin,	Providence, R. I.,	3931 Pine St.
Updegraff, John Wilbert,	Fort Palmer,	3715 Woodland Ave.
Van Dyke, Colin Ira,	Wyalusing,	Dorm. 370 Hopkinson.
Walter, Young Singleton,	Mauch Chunk,	3345 Woodland Ave.
Wansboro, Edward Joseph,	Albany, N. Y.,	3331 Walnut St.
Weidknecht, Charles J,	Easton,	3916 Haverford Ave.
Weiler, George Stees,	Pottstown,	4114 Powelton Ave.
Whalen, John Thomas,	North Adams, Mass.,	3246 Lancaster Ave.
White, Chester Allen,	New Haven, Conn.,	3330 Walnut St.
White, Harold James Fair,	Butler, N. J.,	3615 Locust St.
Wilbur, Roderick MacIver,	Charleston, S. C.,	3256 Chestnut St.
Williams, Nathan Wheeler,	Northampton, Mass.,	3269 Locust St.
Yoder, Kensie Nebuchadnezzar,	Wernersville,	3263 Sansom St.

SPECIAL STUDENTS.

Name.	Residence.	City Address.
Chain, Clarence Hollins- head, D. D. S. (Pennsylvania),	Philadelphia,	4047 Aspen St.
Foster, Roland Howard, D.D. S. (Pennsylvania),	do.	2204 N. 17th St.
Gerber, Oscar George, D. D. S. (Pennsylvania),	East Orange, N. J.,	3220 Chestnut St.
Kraenzlein, Alvin Christian, D. D. S. (Pennsylvania),	Milwaukee, Wis.,	206 S. 36th St.
Miskey, John Adams, D. D. S. (Pennsylvania),	Philadelphia.	1737 Arch St.
Odlum, Frederick Charles,	Auckland, New Zealand,	110 S. 33d St.
Ogata, Rokuji,	Kitaku, Osaka, Japan,	3422 Sansom St.
Sevilla y Astaburuaga, Castor,	Bilbao, Spain,	3311 Walnut St.
Sparks, Alexander Mont- rose,	Philadelphia,	752 N. 40th St.
*Tenny, Cecil Lorenzo,	Seattle, Wash.	
Tewksbury, Walter Beards- ley, D. D. S. (Pennsylvania),	Tunkhannock,	206 S. 36th St.
Thomas, Henry William Earp,	Thames, New Zealand,	110 S. 33d St.
Thompson, William Alex- ander,	Dunedin, New Zealand,	5 S. 38th St.
*Vester, Hinrich Reimer Gottlieb, Zahnarzt (Leipzig),	Marne, Germany.	
Wright, George William,	Hastings, New Zealand,	5 S. 38th St.
Zaragüeta y Bengochea José,	San Sebastian, Spain,	3311 Walnut St.
Zook, John Miller, Jr., D. D. S. (Pennsylvania),	Philadelphia,	1728 N. 19th St.

SUMMARY.

Students of the Third-year Class	168
Students of the Second-year Class	116
Students of the First-year Class	116
Special Students	17
Total	417

The total number of new matriculates for the present session, including those admitted to advanced standing, is 159.

Since the foundation of the Department, the total number of graduates has been 1,420.

SUMMARY BY STATES.

Africa	1	Ireland	1	North Carolina...	1
Arizona	2	Jamaica	2	Ohio	7
Australia	7	Japan	1	Pennsylvania	157
Austria	1	Kansas	2	Rhode Island.....	9
California	3	Kentucky	1	Russia	1
Canada	14	Maine	8	Scotland	1
China	2	Maryland	1	South Carolina...	2
Connecticut	21	Massachusetts ...	22	Spain	2
Delaware	5	Mexico	2	Switzerland	3
Ecuador	1	Michigan	1	Texas	2
England	6	Minnesota	2	Utah	1
France	2	Mississippi	1	Washington	1
Germany	5	New Hampshire..	2	West Virginia ...	1
Holland	1	New Jersey	38	Wisconsin	3
Idaho	1	New York	54		
Illinois	2	New Zealand	9		417
Indiana	2	Nicaragua	1		
Iowa	1	North Dakota....	1		

ORGANIZATION OF THE DENTAL SCHOOL.

The Department of Dentistry of the University of Pennsylvania was organized in the early part of 1878. It was the third school created as the dental department of a university, having been preceded in this respect by the Harvard School of Dentistry (organized in 1867), and the Dental Department of the University of Michigan (organized in 1875).

The motive leading to the creation of dental schools as regular departments of the University educational system was the rapid growth of dentistry as a profession. This was shown by the improvement in the educational equipment of its practitioners, and by the tendency to broaden the courses of instruction furnished by dental schools to meet the continual necessity for more thorough training.

Realizing that but two conceptions of the status of dentistry were possible, viz.: that it was either a branch of medicine, or else a sepa-

rate profession; and believing that its close relationship with medicine called for the future development of dentistry in conformity therewith, the Trustees took action resulting in the creation of the Department of Dentistry of the University of Pennsylvania. The plan of instruction was so arranged that the branches common to both medicine and dentistry were taught concurrently by teachers who held corresponding chairs in both medical and dental faculties; while the strictly dental teaching was provided for by the creation of chairs whose incumbents were specially qualified for giving instruction in their respective branches. This arrangement is in strict accordance with the university idea, by which the teaching of allied branches is centralized in different departments. It does not imply that the Department of Dentistry is a branch of the Department of Medicine; for, as a matter of fact, both are distinct departments of the University.

It is worthy of note that the Department of Dentistry is actually, as well as in name, a department of the University. Its position as a recognized member of the University family confers upon its students certain advantages pertaining to that relationship. Its students enjoy in common with all other students of the University the privileges and social relationships pertaining to the student life of the whole body. Prominent among these features is membership in the Houston Club, an organization governed by students and domiciled in a club house which in its fittings and appointments is second to no other club house in Philadelphia. Its students have also the use of the Dormitories, and are admitted to all of the athletic features of the University; while, with reasonable restrictions, the opportunity is afforded them to pursue such allied lines of study as in the judgment of the authorities may tend to add strength and fullness to the dental educational equipment.

The practical advantages that accrue to the dental student by such a broad policy are at once manifest. Its effect upon the status of the dental practitioner must be recognized when it is considered that during his student life, his association with the students of the other departments of the University is upon a basis of equality in all that concerns the student life of the institution. The influence of this feature in bringing about a close relationship between dental and medical students develops a mutual respect and recognition, which in their career as practitioners is of the utmost importance.

The success of the department has been marked from the beginning. A steady increase in the size of its classes, abundant clinical patronage, and the large aggregate number and character of the

operations done in its infirmary service, are practical and convincing proofs of its success as a dental educational institution.

EQUIPMENT.

The arrangement of the interior of Dental Hall is such that facilities are provided for the thorough education of the student in every important detail of his professional work. The clinical operating room occupies one entire floor of the main building, giving a floor space 180 by 50 feet, furnished with one hundred latest pattern Wilkerson operating chairs, each provided with a fountain cuspidor, with running water attached, and attachment for the Fisk saliva ejector. Each chair is provided with a bracket arm and table for holding instruments, besides a separate table for the instrument case. Electric service is provided for each chair. A complete locker system in connection with the operative clinic furnishes means for the storage of instruments when not in use. In the fitting up of the operating room, the aim has been to make the appointments as nearly as possible like those of a first-class private office, so that from the beginning of his course the student is familiarized with the conditions he will meet in actual practice.

One large general laboratory for prosthetic work is provided, and separate departments for crown-and-bridge work, orthodontia technics, prosthetic technics, operative technics, metallurgical work, vulcanizing and modeling; also special clinic rooms and laboratories. Ample arrangements are provided for the convenience and comfort of the students in the care of instruments, tools, etc. There are also hat and coat rooms, lavatories, etc., a bicycle room, laundry, store rooms and living apartments of the janitor; and an assembly room for the exclusive use and recreation of the students when not on duty. The laboratories are fitted with the most approved appliances for work and instruction in the several departments of dentistry. Compressed air is supplied to the laboratory tables for melting and soldering operations, as well as for metallurgical work. The laboratory lathes are driven by electric motor, and no feature which could add to the facilities for thorough and accurate work has been omitted.

The lecture amphitheatre will comfortably seat 550. It joins the main building by a corridor, and in relation with it are arranged the dental museum and library.

As the laboratory, or manual-training, method forms a prominent and necessary adjunct to didactic teaching, facilities for carrying out the technic system of instruction are provided in connection with each subject to which the system is applicable.

ADMISSION.

N. B.—*Special attention is called to the rule adopted by the National Association of Dental Faculties, August, 1896, requiring all applicants for matriculation to be present and enter their names not later than the tenth of October. This rule applies with equal force to all students.*

Candidates for admission will not be permitted to matriculate for any session other than for that immediately succeeding the date of matriculation. No candidate will be allowed to matriculate for more than one session at a time.

All candidates are required to present evidence of a preliminary education as follows:

For the session of 1901-1902, a diploma of an approved high school having a three years' course, or a certificate showing satisfactory completion of three years' attendance and work at a high school having a four years' course; or certificates from other schools showing equivalent education. All diplomas and certificates of preliminary education must be accompanied by an official certificate signed by the principal of the school issuing them, stating the number of studies pursued by the applicant, the extent to which they have been covered, and the grades attained in each subject. In lieu of such diplomas or certificates, the applicant will be required to pass a matriculate examination, which shall in each case be the equivalent of that forming the basis of the certificates of required preliminary education as follows:

SUBJECTS OF ENTRANCE EXAMINATIONS.*

SESSION 1901-1902.

No candidate will be accepted in English whose work is notably defective in spelling, punctuation, idiom or division into paragraphs.

ENGLISH.

- A. (1) Grammar (as in Abbott's *How to Parse*, or Murray's *Advanced Lessons in English Composition, Analysis and Grammar*).
- (2) Composition—A short essay correct in spelling, punctuation, grammar, division by paragraphs, and in expression, written on a subject to be announced at the time of the examination.

* Entrance examinations for session 1901-1902 will be held in Dental Hall, Saturday, September 28, 1901.

- B. The candidate will be required to present evidence of a general knowledge of the subject matter of the following: Lowell's *Vision of Sir Launfaul*; Shakespeare's *Macbeth*; Burke's *Speech on Conciliation with America*; De Quincy's *The Flight of a Tartar Tribe*; Tennyson's *The Princess*.

HISTORY.

- A. AMERICAN HISTORY, with the elements of civil government. This will include colonial history, with a view to the origin and development of our institutions; and the period of discovery and early settlement, so as to set forth the relations of peoples in America and the meaning of the struggle for mastery. Geographical knowledge, to be tested by a reference to an outline map, will form part of these examinations.
- B. GENERAL HISTORY, including Greek, Roman and English history.

MATHEMATICS.

- A. ALGEBRA—Factors; common divisors and multiples; fractions; equations of the first degree of one or more unknown quantities, and up to and including the binomial theorem.
- B. PLANE GEOMETRY—Including the solution of simple original exercises and numerical problems.

PHYSICS—As in Carhart and Chute's, or Gage's *Elements of Physics*.

The candidate will be required to present evidence of a knowledge of any one of the following subjects to the extent specified. Not more than one subject will be required for this session.

LATIN GRAMMAR—(1) Inflection and derivation of words. (2) Syntax, with the writing of simple Latin prose.

FRENCH.—A thorough knowledge of elementary grammar, including the irregular verbs of most frequent occurrence, and the use of the moods and tenses. The candidate's knowledge of grammar will be tested partly by the translation into French of a simple passage of English prose.

GERMAN—Collar-Eysenbach's *German Lessons* (Longer Course), or an equivalent. The candidate's knowledge of grammar will be tested partly by the translation into German of a simple passage of English prose.

CHEMISTRY—As in Remsen's *Introduction to the Study of Chemistry*, (American Science Series) (Briefer Course).

ADMISSION TO ADVANCED STANDING.

Students possessing the requisite preliminary education, and who have attended one full term in a dental school recognized by this University, or who have attended one or more courses in a recognized medical college, will be admitted to the second year, subject to the rules governing ADMISSION TO ADVANCED STANDING.*

Graduates of a recognized medical school will be admitted to the Second-year Dental class without examination.

Applicants for advanced standing, who have not had instruction in practical histology and practical chemistry equivalent to that required in this department, will be permitted to make up such deficiency by taking special courses, for which an extra fee of fifteen dollars is charged for each branch.

Students who have credit for the completed work of two or more terms in a recognized dental school, and who possess the requisite preliminary educational qualifications, are eligible for admission to the third year, subject to the rules governing admission to advanced standing.

Graduates of foreign dental schools are required to conform to the rules governing advanced standing, and to the ruling of the National Association of Dental Faculties that their credentials must receive the approval of the Advisory Board for their country before they can be accepted.

COMBINED DENTAL AND MEDICAL COURSE.

Students of the Third-year Dental class of this Department will be admitted to the Second-year class of the Department of Medicine of this University, and will be permitted to pursue the studies of the second year of the Medical course simultaneously with the studies of the Third-year course in the Department of Dentistry. The student must, however, while a member of the First-year class in the Department of Dentistry, give notice before November 1 of the current year to the Dean of the Department of Medicine of his intention to take both courses, in order to be eligible. He must also fulfill the requirements of the entrance examination of the Department of Medicine when he matriculates in that Department. In addition to the examination in the Department of Dentistry at the end of the first year, the student will also be required to pass

* All applicants for advanced standing must pass the examinations of the years they desire to omit, or furnish proof that they have passed *equivalent* examinations in some recognized dental or medical school.

examinations in Chemistry, Anatomy and Physiology in the Department of Medicine. This arrangement enables the successful candidate to obtain the degrees D. D. S. and M. D. in five years.

SCHOLARSHIPS.

1. UNIVERSITY SCHOLARSHIPS.—The Trustees have established two University Scholarships in Dentistry, the award of which is based upon the result of a competitive examination equivalent to that demanded for admission to the technical courses in the College. They are not awarded for less than the entire course.

Examinations for these scholarships are held on the same day with those fixed for entrance to the College (Friday, September 20, 1901), and are open to all applicants otherwise eligible for admission to the Department of Dentistry. Circulars setting forth in detail the plan of the Scholarship examination may be had upon application to the Dean of the Department of Dentistry.

A registration fee of five dollars is required of all candidates for scholarship and entrance examinations, and is not returnable in case of failure to pass.

2. PUBLIC SCHOOL PRIZE SCHOLARSHIPS.—Under an agreement with the city of Philadelphia, fifty free scholarships exist in the University for the benefit of graduates of the public schools. The candidates for these scholarships are examined by the Board of Public Education, and award is made to those who reach the highest grade, as vacancies occur from year to year.

ARRANGEMENT OF SESSION.

The Academic year consists of one session beginning on October 1, and ending at Commencement, on the second Wednesday in June. The course of instruction is graded and extends over three years.

Laboratory instruction, not only in all of the practical dental branches, but also in Practical Chemistry, Metallurgy, Histology, Bacteriology, Physiology and Osteology, forms a prominent feature of the course.

The session 1901-1902 will begin on Tuesday, October 1, 1901, and will end on Wednesday, June 11, 1902.

MID-TERM EXAMINATIONS.

In the First-year course a mid-term examination is held about February 1 in Chemistry, Histology and Elementary Anatomy.

In the Second-year course, at the same date, a mid-term examination is held in Elementary Physiology.

In the Third-year course a mid-term examination is held in Bacteriology and in Metallurgy.

RULES GOVERNING MID-TERM EXAMINATIONS.

I. NON-PRESENTATION AND FAILURES.

A student who has not undergone examination, or who has failed to attain a mark of 50 in any examination, may be re-examined:

- (a) At the first re-examination about March 1; or, failing then
- (b) At the second re-examination about one week prior to the final examinations of the academic year in May.

2. FAILURE TO MAKE A GENERAL AVERAGE OF 60.

A student having passed all the examinations, but failing to attain a general average of 60, may avail himself of the privileges of the re-examinations at the times designated in paragraph 1, in all of the subjects in which a mark of less than 60 was attained.

3. ELIGIBILITY FOR FINAL EXAMINATIONS IN MAY.

All the mid-year examinations must be passed before the candidate becomes eligible for the final examinations for the academic year held in May.

4. REPETITION OF THE STUDIES OF THE YEAR.

The general rules governing the repetition of the studies of any year shall apply to those students who failed to pass or to attain the required general average, or who were ineligible to appear at the final examinations of the academic year held in May.

RULES GOVERNING TERM EXAMINATIONS.

FIRST AND SECOND YEAR STUDENTS.

1. The examination marks of this Department are based on a scale of 100. Each student must obtain a general average of 60 to pass the examinations of the year. 50 on a single branch will entitle him to average; less than 50 constitutes a failure in that branch.

2. Students who have failed to pass in any or all of the branches are given an opportunity for a second examination, before the opening of the next regular session, on the stated day in September desig-

nated for re-examinations in the official calendar in this Catalogue; but if the student fail to appear, or if his general average be less than 60, he shall repeat the studies of the year except those in which he received a grade of not less than 70.

3. A student may be permitted to matriculate in the succeeding year, if he has successfully passed in all but one branch, on condition that the one in which he has been found deficient must be passed on or about November 1 of the year in which he has been matriculated. Failing at the November examination to pass the branch in which he is conditioned, the student will be required to repeat the work of the year as provided in Rule 2.

4. Students who have failed to complete the work of any year, or who are obliged to repeat, will be charged the regular fee.

5. No student will be eligible for examination if any portion of his fees remains unpaid.

EXAMINATION FOR GRADUATION.

1. The examination marks shall be upon a scale of 100.

2. Each candidate must attain at least 50 in any single branch, and have a general average of 60, before he can be recommended for graduation.

3. Candidates who attain a general average of at least 90 shall be considered to have gained honors of the First Class, and will receive Honorable Mention.

4. The graduation average shall be based on the examination marks of the whole curriculum.

5. Examinations are held immediately after the completion of the lecture courses.

No student can be examined before that time except by consent of the Faculty.

GRADUATION.

At the close of the third year, a student who has fulfilled all requirements satisfactorily receives the degree of *Doctor of Dental Surgery* (D. D. S.), under the following regulations:

I. He must be of age and of good moral character.

II. He must have passed a satisfactory examination in all the branches of the curriculum; must have attended the practical instruction and performed the required practical work in all departments; and his last year of instruction must have been at the Department of Dentistry of this University.

III. He must have dissected at least two parts; must have per-

formed thoroughly, and to the satisfaction of the Professor of Operative Dentistry, all the usual dental operations; must have undertaken at least one artificial case, and brought it completed, with the patient, to the Professor of Mechanical Dentistry, thirty days before the close of the term; and must have prepared for presentation to the Professor of Mechanical Dentistry, before the first of March, a specimen case to be deposited in the University collection. The required operations, as well as the work on the artificial case, must have been performed in Dental Hall.

IV. After receiving notice of having successfully passed the final examination, he must enter his name on the Register of Candidates for the Degree.

V. He must be present at Commencement, unless excused by the Dean of the Faculty.

*TEXT BOOKS AND WORKS OF REFERENCE.

Text-Books.

Works of Reference.

Operative Dentistry:

Kirk, The American Text-Book of Operative Dentistry.

Johnson, Principles and Practice of Filling Teeth.
Guilford, Orthodontia.
Farrar, Irregularities of the Teeth and their Correction.

Mechanical Dentistry and Metallurgy:

Essig, The American Text-Book of Prosthetic Dentistry.

Angle, Treatment of Malocclusion of the Teeth and Fractures of the Maxillæ.

Essig, Dental Metallurgy.

Kingsley, Oral Deformities.

Dental Pathology and Therapeutics:

Burchard, Dental Pathology, Therapeutics and Pharmacology.

Materia Medica:

Gorgas, Dental Medicine.

H. C Wood, Therapeutics.
Wood & Bache, United States Dispensatory.

Chemistry:

Richter, Inorganic Chemistry.
Medicus, Qualitative Analysis.

Mitchell, Dental Chemistry.

Text-Books.

Works of Reference.

Histology:

Piersol, Normal Histology.

Anatomy:

Gray, Human Anatomy.

Tomes, Dental Anatomy.

Dissection Manual:

Holmes, Outlines of Anatomy.

Physiology:

American Text-Book of Physiology.

Oral Surgery:

Marshall, Injuries and Surgical Diseases of the Face, Mouth and Jaws.

Cryer, Studies of the Internal Anatomy of the Face.

Bacteriology:

Abbott, Principles of Bacteriology.

Miller, Micro-Organisms of the Human Mouth.

Dictionary:

Gould, Student's Medical Dictionary.

*** FIRST-YEAR CLASS.—SESSION 1900-1901.****Order of Instruction before February 1.**

<i>Hour.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9 A. M.	Swan. Osteology and Syn- desmology.	Swan. Osteology and Syn- desmology.	Class divided into Sec- tions for Instruction in Mech. and Op. Technics.	Class divided into Sec- tions for Instruction in Mech. and Op. Technics.	Class divided into Sec- tions for Instruction in Mech. and Op. Technics.	Modeling tooth forms.
10 A. M.	Marshall. Chemistry.	Marshall. Chemistry.				
11 A. M.	Mechanical and Operative Technics.	Mechanical and Operative Technics.				
1.30 to 3.45 P. M.	Class divided into Sec- tions for Prac. Work in Chem. and Hist.	Class divided into Sec- tions for Prac. Work in Chem. and Hist.	Class divided into Sec- tions for Prac. Work in Chem. and Hist.	Class divided into Sec- tions for Prac. Work in Chem. and Hist.		
4 P. M.	Piersol. Anatomy.	Piersol. Anatomy.	Marshall. Chemistry.	Piersol. Anatomy.	Piersol. Anatomy.	
5 P. M.	Essig. Mechanical Dentistry.		Essig. Mechanical Dentistry			

See Special Roster for Sections in Practical Work.

SECOND-YEAR CLASS.—SESSION 1900-1901.**Order of Instruction before February 1.**

<i>Hour.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9 A. M.	Laboratory Instruction in Mech. Dentistry, or Crown and Bridge Work.	Laboratory Instruction in Mech. Dentistry, or Crown and Bridge Work.	Laboratory Instruction in Mech. Dentistry, or Operative Clinic.	Laboratory Instruction in Mech. Dentistry, or Crown and Bridge Work.	Laboratory Instruction in Mech. Dentistry, or Crown and Bridge Work.	Operative Clinic.
11 A. M.			Kirk. Clinical Dentistry.			Materia Medica.
12 M.						Cryer. Oral Surgery.
1 P. M.						
1.30 to 3.45 P. M.	Sect. Work. Dissecting Operative Clinic or Physiology Demonst'n.	Sect. Work. Dissecting Operative Clinic or Physiology Demonst'n.	Sect. Work. Dissecting or Operative Clinic.	Sect. Work. Dissecting or Operative Clinic.	Sect. Work. Dissecting or Opera- tive Clinic.	
4 P. M.	Reichert. Physiology.	Reichert. Physiology.		Reichert. Physiology	Reichert. Physiology	
5 P. M.	Essig. Mechanical Dentistry.	Darby. Operative Dentistry.	Essig. Mechanical Dentistry. — Metallurgy after Jan. 1.	Darby. Operative Dentistry.	Truman. Dental Pathology and Thera- peutics.	

See Special Roster for Sections in Practical Work.

One section of the class dissects daily from 1.30 to 3.45 P. M.

* Rosters are subject to rearrangement at the beginning of each academic year

THIRD-YEAR CLASS.—SESSION 1900-1901.**Order of Instruction before February 1.**

<i>Hour.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9 A. M.	Operat. or Mechanical Clinical Practice. Ceramics. Practical Bacteriol.	Operat. or Mechanical Clinical Practice. Ceramics. Practical Bacteriol.	Abbott. Bacteriol. 10 to 12. Practical Bacteriol.	Operat. or Mechanical Clinical Practice. Ceramics. Practical Bacteriol.	Operat. or Mechanical Clinical Practice. Ceramics. Crown and Bridge Work.	Operative Clinic.
11 A. M.	Crown and Bridge Work.	Crown and Bridge Work.		Crown and Bridge Work.		
12 M.			Kirk. Clinical Dentistry.			Cryer. Oral Surgery.
1.30 to 4.45 P. M.	Operative Clinic or Practical Work in Metallurgy	Operative Clinic or Practical Work in Metallurgy	Operative Clinic or Practical Work in Metallurgy	Operative Clinic or Practical Work in Metallurgy	Operative Clinic or Practical Work in Metallurgy	
5 P. M.	Essig. Mechanical Dentistry.	Darby. Operative Dentistry.	Essig. Mechanical Dentistry Metallurgy after Feb. 1.	Darby. Operative Dentistry.	Truman. Dental Pathology and Thera- peutics.	

Medical and Surgical Clinics at the University Hospital are held from 12 M. to 2 P. M. on Wednesdays and Saturdays, and are open to the Second and Third-year classes. These are in addition to the dental clinics at the Philadelphia Hospital, on Saturdays at 12 o'clock, and to the Oral Surgical Clinics as noted on the roster.

OPERATING ROOM, LABORATORIES, ETC.

The department possesses exceptional facilities for thorough training in Dentistry, both theoretical and practical.

The chemical laboratories are large and fully equipped, affording ample facilities for the practical training of the student in this important branch.

The dissecting room is large, well lighted, thoroughly ventilated, and furnished with ample material for the successful prosecution of anatomical studies.

GRADING OF THE COURSE.

In order to facilitate work in the practical branches, and to economize the student's time, the regular session is so arranged that

students during the first year are required to devote the time equally to dental, histological and chemical laboratory work.

During the second and third years, the student has practically the entire forenoon of each day for dental work. Thus ample opportunity is afforded for practice in Operative and Mechanical Dentistry. In the latter branches, the students of the first year are divided into sections, devoting the time not otherwise engaged to practice in the operating rooms.

This plan of gradation enables the First-year student to present himself for examination in the following branches: Chemistry, Histology and Anatomy, including Osteology and Myology. The Second-year student will be examined on Materia Medica and Physiology, and on the progress in Operative and Mechanical Dentistry. Such an arrangement is economical not only in point of time, but also in facilitating a student's acquirement of knowledge in the remaining branches.

OUTLINE OF THE COURSE.

Students of the First-year class will be required to attend instruction in and pass examinations upon the following branches:

1. Chemistry. Three lectures per week. Five hours laboratory.
2. Anatomy. Four lectures per week. One-half the required work in dissecting is done during this year.
3. Histology. Five hours laboratory per week.
4. Osteology. Two lectures per week.
5. Students of the First-year class will be trained in Operative and Mechanical Technics during hours not otherwise occupied.
6. They will, in addition to the subjects named, attend lectures on Mechanical Dentistry. Two hours per week.

SECOND YEAR.

1. Students of the Second-year class will attend lectures on Materia Medica and Physiology, Operative and Mechanical Dentistry and Metallurgy, Dental Pathology and Therapeutics, Clinical Dentistry, Bacteriology and Oral Surgery. Work in Practical Anatomy (dissecting) is finished during this year.
2. They will pursue Operative and Mechanical Work, with the privilege of the Operating Room and appliances during the morning and afternoon clinics.
3. The final examinations of the Second year will be upon Materia Medica, Physiology, Bacteriology and progress in Operative and Mechanical Dentistry.

THIRD YEAR.

1. Students of the Third-year class will continue the practical work in Operative Dentistry, Mechanical Dentistry and Dental Metallurgy, and the lectures on these subjects, together with Dental Pathology and Therapeutics, and Clinical Dentistry, Bacteriology* and Oral Surgery.
2. At the close of the term they will be required to pass examinations in these branches.

COURSE OF INSTRUCTION.

The lectures on OPERATIVE DENTISTRY AND DENTAL HISTOLOGY embrace the comparative anatomy of the teeth; the functions and microscopical peculiarities of the dental organs; the development of teeth and their component tissues; a full description of the materials and instruments used in operative dentistry; a thorough elucidation of all dental operations, such as filling, extracting and regulating; the pathological relations of the teeth to the other parts of the system; and a minute description of all diseases related to dental surgery or of interest to the dentist. The methods taught are demonstrated in clinics.

The instruction in MECHANICAL DENTISTRY AND DENTAL METALLURGY embraces the proper fitting up of a dental laboratory; the use of tools; the melting, refining, alloying and working of metals and alloys used by the dentist; the chemical and physical properties of materials pertaining to ceramic dentistry, their preparation and the most approved formulas for compounding bodies and enamels for the manufacture of block teeth and enameled platinum dentures; the history and properties of all substances used in making artificial dentures, as well as the mechanical treatment of cleft palate, including the several methods of constructing obturators for such cases, whether congenital or acquired. The lectures in this branch also include every approved mechanical means of correcting irregularities of the teeth, and are amply illustrated by specimens, models, diagrams and practical application in the laboratory, under the supervision of experienced mechanical dentists. Special attention will be directed to crown-and-bridge work, the higher branches of plate work, enameled platinum dentures and carving teeth. The preparation of crown-and-bridge work and enameled platinum dentures is

* Beginning with the session of 1901-1902 the work in Bacteriology will be added to the curriculum of the second year, and continued as a third year requirement for that session only.

under the charge of specially qualified demonstrators, and the students are required to become familiar with the manipulation of metals and the preparation of the other materials used in the work. Technical training in the making of plates, clasps and in setting rims, and in all the details of prosthetic dentistry, is an important part of the course of instruction in this branch.

Every student is required to furnish his own tools for metal and rubber work, and will be provided with a place in which they can be locked when not in use.

The lectures on CHEMISTRY embrace the study of chemical physics and principles of chemical philosophy, together with a detailed consideration of the principal elementary substances and their compounds; and of the fundamental principles of organic chemistry, including the classification of organic compounds, and the special study of typical members of the different classes. Special attention is also given to the laws of chemical affinity, and the conditions under which they are modified, especially as they relate to the preparation of mixtures and prescriptions.

The course in practical chemistry in the Laboratory includes exercises in chemical manipulation; the study of the chemical properties of the principal metals; the reactions of acids and their combinations; and the general principles of qualitative analysis, especially as they relate to the detection and separation of the metals and compounds of interest to practitioners of dentistry. Each student is provided with a separate table and apparatus, and is required to perform all the usual chemical manipulations under the directions of demonstrators, as well as to exhibit by written formulæ all reactions involved in his tests.

HUMAN ANATOMY is taught in its relations to all the branches of medical science, including dentistry. The lectures are illustrated by fresh dissections of the human body, and by a rich museum of anatomical specimens, well-executed models and drawings.

In addition to the lectures and demonstrations by the Professor of Anatomy, practical instruction in general and special HISTOLOGY will be given in the histological laboratory to the students of the first year, the class being divided into sections. The laboratory is furnished with excellent microscopes, and all apparatus necessary to enable the student to become familiar with the most approved methods of microscopical technology and with the minute structure of all the tissues and organs. Special facilities are afforded for original research; for this purpose the laboratory is open throughout the year, except during July and August.

The OSTEO-SYNDESMOLOGICAL LABORATORY is under the supervision of the Professor of Anatomy and Demonstrator of Osteology. In this Laboratory, the First-year student is required to make himself familiar with the skeleton and the articulations as a part of his instruction in practical anatomy.

The course in PHYSIOLOGY includes thorough instruction on the subject of animal physiology, with special reference to the physiology of Man.

The lectures on DENTAL PATHOLOGY include such portions of general pathology as have a bearing upon the special subjects taught.

Dentition and its possible pathological results receive careful attention, followed by a detailed consideration of all the diseases to which the teeth and surrounding parts are liable; the normal and abnormal character of the oral secretions, and the direct and remote relations that the pathological conditions of the mouth sustain to other portions of the system.

The treatment required under each head is explained, and the recognized processes necessary to secure a return to normal conditions are minutely detailed.

MATERIA MEDICA is taught with special reference to the character and value of those remedies which have any bearing upon dental therapeutics.

BACTERIOLOGY.—The study of Bacteriology is an obligatory part of the second-year curriculum. The growing importance of this subject in relation to dental pathology and therapeutics has made necessary certain modifications in the technique of nearly all dental operations. A clear understanding of the practical bearing of bacterial life-processes has become a necessity for intelligent and successful dental practice, just as it has similarly for surgical practice.

The course is so arranged with respect to the requirements of the dental practitioner that he will afterwards be able not only to apply correctly the most approved methods for preventing and combating bacterial action, and to develop an efficient system of antiseptic technique in connection with his work; but he will also be trained in the several methods that will enable him to study the bacterial factor which is the exciter of pathological conditions in special cases arising in his practice.

The instruction in bacteriology, which is under the direction of Dr. A. C. ABBOTT, Professor of Bacteriology and Director of the Laboratory of Hygiene, is principally practical and embraces full laboratory instruction, covering the following subjects:

1. Apparatus employed—sterilizers, incubators, pressure regulators, thermostats, etc.

2. Culture media, methods of preparation, sterilization methods.
3. Microscopic characteristics of cultures of bacteria in general and of special forms.
4. Methods of obtaining, from mixtures of different bacteria, individual species in pure cultures.
5. Microscopic technique. Use and care of instruments, staining from cultures, section cutting and staining and mounting of tissues.
6. Pathogenic bacteria, isolation, identification and inoculation.
7. Disinfection of instruments, appliances, etc., thermal and chemical, methods and apparatus, modes of testing efficiency.
8. Antisepsis and asepsis in dental surgery, preparation of dressings, instruments, operator and assistants and of patients.

Following this, the special study of Bacteriology in relation to dental pathological conditions will receive full consideration and elaboration. The classification, life-history, modus of infection and pathological significance of all bacterial forms having distinct dental importance will be studied in detail.

The lectures on these subjects are appropriately illustrated, and accompanied by suitable demonstrations whenever possible. The Laboratory of Hygiene has a thoroughly equipped department for practical instruction in bacteriology, including an ample number of high-grade microscopes for the special use of dental students in the study of this branch. Examination upon the subject will be a pre-requisite to the obtaining of the dental degree.

The text-book required is Abbott's *Principles of Bacteriology*. Miller's *Micro-organisms of the Human Mouth* will be used for the special study of the dental aspect of the subject.

CLINICAL DENTISTRY.—The instruction in this department has for its object the study of the whole range of dental operations as they arise in practice, especially from the clinical point of view.

The valuable clinical material which is afforded by the large dental infirmary service of the University is utilized as the basis of the instruction given, both didactically and by demonstration. Cases are continually presenting for treatment in the infirmary which furnish important points for study, and whenever these form suitable subjects for demonstration a study of the case is made for the benefit of the class. The student is thus brought into close contact with a great variety of dental and oral disorders, and is made familiar with the methods of diagnosis and the etiology and treatment of the conditions with the actual cases before him.

The teaching in this department includes, besides the foregoing, a study of the professional relations of the dentist to his patients, involving matters of deportment, habits of personal cleanliness, etc.; in short, all of those factors of professional conduct and bearing which, taken altogether, determine the degree of his professional success.

In the lectures on clinical dentistry, all of the latest developments in operative procedures, so far as they may have value from the clinical standpoint, are presented and critically considered.

ORAL SURGERY is a specialty which is a distinct outgrowth from Dentistry. As the work of the dentist came to include operations upon the surrounding tissues, as well as upon the teeth themselves, the adoption of surgical methods and more thorough training in the principles and practice of surgery became necessary. The addition of instruction in this branch to the dental curriculum includes thorough instruction in the surgical and pathological anatomy of the mouth, jaws, and associate parts; the etiology, diagnosis and treatment of lesions of these parts; the most advanced methods of operative technique, including the use of the surgical engine, surgical anesthesia, asepsis and antisepsis, and after-treatment of the case.

The instruction is both didactic and clinical, and students are encouraged to study and personally treat cases under the supervision of the Professor of Oral Surgery and his assistants.

Special facilities for the performance of oral surgical operations and for the care of patients are provided in the University Hospital and the Philadelphia Hospital.

CLINICAL PRACTICE.

Seven hours daily (except on Saturdays) are spent in actual practice under the supervision of the demonstrators; on Saturdays from 9 A. M. to 12 M. Every student is required to provide his own instruments, except those for extracting. He is expected to keep them in perfect order, and will be furnished with a place in which they can be locked when not in use.

INFIRMARY AND LABORATORIES.

The Infirmary and Laboratories are open to the students for practice every day during the week, except on Saturday afternoons, which are reserved for clinics that may be given by members of the faculty or instructors.

The Infirmary and Laboratories are open throughout the year, except during July and August.

MUSEUM AND CABINETS.

The WISTAR AND HORNER MUSEUM, founded nearly one hundred years ago, and annually augmented, is unequalled in the United States for the number and variety of its specimens of the normal and the morbid anatomy of the human body. It also contains a large number of preparations in Comparative Anatomy; a rich collection relating to Dentistry, such as the different stages of dentition, abnormal conditions of the teeth, mandibles of the lower animals, etc.; and an extensive collection of models. This collection is deposited in the building opposite Medical Hall, erected by General Isaac J. Wistar, and called the WISTAR INSTITUTE OF ANATOMY AND BIOLOGY. The Museum is open every week-day, excepting holidays, from 9 A. M. to 3.30 P. M. throughout the sessions. The matriculation fee in the Department of Dentistry confers admission to the Museum.

TUITION FEES AND EXPENSES.*

The tuition fee is \$100 per annum *provided the entire amount is paid on or before October 31. If paid on or after November 1, the fee will be \$105.* If a division of payments is desired, \$55 are to be paid on or before November 1, and \$50 on or before February 1. All remittances must be in cash or by bank draft, certified check or postal order. All tuition fees are payable to EDWARD C. KIRK, DEAN.

Under no circumstances are any changes made in the established fees.

Students of the Department of Dentistry may attend, without additional charge, the lectures and recitations in any other department of the University. This privilege may be obtained only by the concurrent approval, in writing, of the respective Deans.

At the beginning of each year, each student is required to make a deposit of five dollars with the Dean of the Department to cover breakage in the laboratories or loss of or damage to University property. Any balance remaining is returned. At least twenty-five dollars must be paid on account of tuition before the student can be admitted to the Chemical Laboratory.

Instruments for the first year can be procured at from \$60 to \$75. A dental engine will be needed for the second year, costing from \$40 to \$55. Additional instruments will be required for the second- and third-year work. These instruments may be utilized in general practice.

Board can be obtained near the University for \$5 a week up.

Dental Hall is provided with locker facilities for the storage of instruments, apparel, etc. It is to be understood, however, that the lockers are provided solely as an accommodation, and that in renting them to the students the Department assumes no responsibility whatever with respect to the care or loss of the contents.

First Year.

Matriculation Fee (paid once only).....	\$5 00
Tuition Fee.....	100 00
Fee for Dissection.....	5 00
Dissecting Material (one part).....	1 00

Second Year.

Tuition Fee.....	\$100 00
Fee for Dissection.....	5 00
Dissecting Material (one part).....	1 00

Third Year.

Tuition Fee.....	\$100 00
Graduation Fee.....	30 00

For each additional year.....\$100 00

Further information may be obtained from

EDWARD C. KIRK, Dean.

The Dean's office is in Room 39, Dental Hall, Thirty-third and Locust streets. Office hours: 9 A. M. to 1 P. M., daily.

The subjoined reports give some conception of the character and mass of work performed in the Operative and Mechanical Departments; but the amount of costly material and careful attention necessary for the insertion of 6,606 gold fillings can be appreciated only by the experienced operator.

The number of patients (13,299) exhibits the extent of the dental infirmary service to a large class of persons of limited means.

OPERATIVE DEPARTMENT.

Gold fillings.....	6,606
Tin fillings.....	956
Cement fillings.....	2,567
Amalgam fillings.....	1,659
Gutta-percha fillings.....	1,014
Canal fillings.....	677
Pulpitis	677
Pulps capped.....	349
Pulps devitalized.....	487
Pulps extracted.....	485
Treatment pulp canals.....	1,643
Pericementitis	121
Alveolar abscess.....	324
Inflammation of gums.....	147
Pyorrhœa alveolaris.....	378
Salivary calculus.....	526
Teeth and roots extracted.....	3,337
<hr/>	
Total	21,953

Seventy-five ounces ($6\frac{1}{4}$ lb.) of gold were used for filling exclusive of that used for plate and crown work in the Laboratory.

MECHANICAL DEPARTMENT.

Full cases (Clinical, 108—Practice, 753).....	861
Partial cases (Clinical, 139—Practice, 751).....	890
Pivot teeth and Crown Work (Clinical, 235—Practice, 1,571).....	1,806
Repairing cases.....	171
Gold Bridge Work.....	48
Practice Bridge Work.....	157
Interdental Splints.....	154
Regulating Plates.....	182
<hr/>	
Total	4,269

ESTIMATE OF EXPENSES.

FIRST YEAR.

General Tuition Ticket.....	\$105 00
Dissecting Ticket.....	5 00
Dissecting Material (one part).....	1 00
Breakage Deposit	5 00
Three quizzes (optional).....	21 00

ESTIMATE OF EXPENSES.

47

Books (about).....	\$30 00
Instruments. (about)	60 00
Deposit for lockers.....	2 00
Materials for Histological and Mechanical Work.....	6 00
Board, 35 weeks at \$5.00.....	175 00
Washing, 35 weeks at 75 cents.....	26 25
<hr/>	
Total, first year	\$436 25

SECOND YEAR.

General Tuition Ticket.....	\$100 00
Dissecting Ticket.....	5 00
Dissecting Material (one part).....	1 00
Breakage Deposit	5 00
Dental Engine, instrument (about).....	50 00
Additional instruments (about)	25 00
Two Quizzes (optional)	14 00
Books (about).....	15 00
Deposit for lockers.....	2 00
Material for Mechanical Technic Work.....	2 00
Board, 35 weeks at \$5.00.....	175 00
Washing, 35 weeks at 75 cents.....	26 25
<hr/>	
Total, second year	\$420 25

THIRD YEAR.

General Tuition Ticket.....	\$100 00
Graduation Fee.....	30 00
Breakage Deposit	5 00
Class expenses; rental of Cap, Gown and Hood.....	5 00
Instruments (about).....	20 00
Deposit for lockers.....	2 00
Material for Mechanical Technic Work.....	2 00
Material for Ceramic Work.....	3 50
Board, 37 weeks at \$5.00.....	185 00
Washing, 37 weeks at 75 cents.....	27 75
<hr/>	
Total, third year	\$380 25

DEGREES IN COURSE.

At a public Commencement, held on WEDNESDAY, JUNE 13, 1900, the degree of Doctor of Dental Surgery was conferred on the following:

James Washington Anderson, Jr.,	Lloyd Henry Gaston,
Cayetano John Apablaza,	Oscar George Gerber,
Mario de Arregui,	Arnold Edward Gibson,
Frank Warren Bailey,	Alfred Hyde Gilbert,
Harry Ward Bailey,	William Orr Gray,
Leo Walter Baldauf,	Truman Alvah Griffin,
Ralph Lockey Bennett,	William Charles Frederick Groth,
Georges Berg,	Frederick Haag, Jr.,
Charles Schaeffer Bertolet,	Martin Van Buren Haines,
Henry Bicknell,	Albert Hallenberg,
Eli Joseph Birs,	George Raines Hanna,
Archibald Evans Boice,	Houston Harlan,
Richard Waldemar Bolte,	Conrad Augustus Herwig,
Frank Daniel Booker,	Charles Frederick Hickox,
William Ernest Boulter,	Augustus Frederick Hiskens,
Frederick James Bradburn,	Frederick Lorenzo Hunt,
Thomas Vassar Britton,	Harry C Hunter,
John Joseph Brogan,	Chaim Hurewitch,
William John Burger,	Marcus Samuel Jacobson,
Joshua Dale Cabeen,	Alfred Jameson,
Samuel Pollock Cameron,	Albert Wade Jarman,
William Cyrus Carmany,	Charles Robinson Jefferis, Jr.,
Walter Chipman Carpenter,	William Stone Kearney,
John Hobart Chapman,	John James Kilpatrick,
Arthur Judson Clark,	Clarence Hill Knocke,
Robert Hiron Clifton,	Wernhardt Christian Egbert Koch,
William Judson Conklin,	Alvin Christian Kraenzlein,
Roy Franklin Corley,	Virgilio Lacayo,
John Moore Crago,	Alvah Daniel Ladue,
George Burns Cross,	Harold Bower Robertson Laing,
Charles Andrew Dager,	Max Landau,
Lester Blaine Damuth,	Gilbert Forbes Laue,
Charles Carroll Dancy,	Alfred Pyle Lee,
Walter William Davis,	Emmanuel Ferdinand Jean Henri
Frank Pierce DeHaven,	L'Hardy,
John Hurley Derick,	Charles Felix Liebrecht,
Solomon De Sola,	Clifton Ernest Lord,
Walter Elmer Dickson,	George Howard McCloughan,
Vivian Francis Downing,	Hubert Patrick McGrath,
Robert James Dunsmore,	Frederick Sumner McKay,
William Stokely Edger,	Walter Warner McKay,
William Arthur Edwards,	Philip John McMahan,
Julio Endelman,	Stanleigh Reeve Meaker,
Roland Howard Foster,	William Lea Minster,
George G Free,	John Adams Miskey,
William Duff Gaither,	Alberto Remigio Moliner,

Charles Samuel Moore,
 Harry Lyman Morehouse,
 Mason Kock Moyer,
 George Washington Myers,
 Harman Newell,
 Walter Rufus Noble,
 George Hawthorne Nottage,
 Uno Isac Andreas Nyman,
 George Edward Partridge,
 John Edward Patterson,
 Harry Doty Powelson,
 Charles William Rausenberger,
 Leidy Rodger Reel,
 Daniel Scott Reese,
 William Lawrence Rider,
 Alfred Johann Jakob Riesbeck,
 William Thompson Robinson,
 Lewis Rumford,
 Otto Russenberger,
 George Solomon Schlegel,
 Frank Stephenson Scott,
 Francis Charles Sebold,
 Edward Otto Seifert,
 Ernest Sherry,
 Norman P Sinclair,
 Wilson Mackay Skinner,
 Howard Sedgwick Smith,

Isaac Garrison Snider,
 James Burton Snover,
 Boyd Baker Sprout,
 Frederick Russell Stathers,
 Webber Woolfork Still,
 Eugene Stratton Taft, Jr.,
 William Elijah Taft,
 Arthur Gilbert Thatcher,
 Charles Hudson Thompson,
 Henry Elmer Trostel,
 William Ezekil Turner,
 Walter Edmund Uffenheimer,
 Fred Alton Utley,
 Frederic Rick Wagner,
 Arthur Frederick Webster,
 Stephen Merrill Weeks,
 Aurelius Finch Wheeler,
 William Bradley Wheeler,
 Jean Carroll Whinnery,
 Frederick Trevor Whitten,
 John Wilkinson, Jr.,
 Harry Winder,
 Edwin Clarence Wisler,
 Edward Vincent Wright,
 Thomas Chesley Wright,
 John Miller Zook, Jr.

STUDENT DENTAL SOCIETIES.

The JAMES TRUMAN, EDWIN T. DARBY and EDWARD C. KIRK Dental Societies were organized for mutual benefit in the study of Dentistry; to foster the spirit of individual investigation and research, and to promote social intercourse and good fellowship among the members. Every member of the Societies in good standing, on graduating from the Department of Dentistry, receives a certificate. Regular meetings are held every two weeks during the session.

SOCIETY OF THE ALUMNI OF THE DEPARTMENT OF DENTISTRY.

President.—Meyer L. Rhein, D. D. S.

Vice-Presidents.—John M. Fogg, D. D. S.; Norman Sturges Essig, D. D. S.; S. M. Weeks, D. D. S.

Secretary and Treasurer.—Morris I. Schamberg, D. D. S.,
 1636 Walnut St., Philadelphia, Pa.

Orator.—A. N. Gaylord, D. D. S.

Every graduate of the Department of Dentistry in good standing is considered a member of this Society, and will be sent bills for dues. Any member who shall pay into the treasury the sum of five dollars, or who shall for five years pay into the treasury the sum of one dollar annually, shall become a life member.

The annual meeting is held on the day previous to Commencement, and is followed in the evening by a collation.

Alumni are requested to send to the Secretary notice of change of residence, or other information likely to be of service to the Society.

DENTAL CALENDAR FOR 1901-1902.

1901

- Sept. 20, Friday, ...Competitive Examination for Dental Scholarships.
- Sept. 24, Tuesday, ...Examinations for Admission to Advanced Standing, and Re-examinations of Undergraduates: 10 A. M.
- Sept. 28, Saturday, ...Entrance Examinations: 10 A. M.
- Oct. 1, Tuesday, ...Session begins: 12 M.
- Nov. 27, Wednesday, ...Thanksgiving Recess begins: 6 P. M.
- Dec. 2, Monday, ...Thanksgiving Recess ends: 9 A. M.
- Dec. 21, Saturday, ...Christmas Recess begins: 6 P. M.

1902

- Jan. 3, Friday, ...Christmas Recess ends: 9 A. M.
- Feb. 22, Saturday, ...University Day. Recess.
- March 27, Thursday, ...Easter Recess begins: 6 P. M.
- March 31, Monday, ...Easter Recess ends: 9 A. M.



3 0112 105899923